

MEA Science Vocabulary/Terminology Guidance 2010-2011

	Grade 5	Grade 8
Direction words and phrases	compare (similarities and differences) conclude describe explain (process, similarities, differences) identify list provide the one that best ... provide the most likely sort	compare (similarities and differences) conclude describe explain (process, similarities, differences) identify list provide the one that best ... provide the most likely sort
Organisms and Environments	<ul style="list-style-type: none"> • common biomes including forest, desert, tundra, grassland, polar, ocean, rainforest • common life cycles including monarch butterfly, frog, grasshopper, dragonfly, salmon • organisms commonly found in the biomes, for example: moose, vole, pine tree, eagle, raccoon (forest) • simple food chains • single-celled organisms including amoeba, paramecium, euglena 	In addition to the Grade 5 list: <ul style="list-style-type: none"> • extinct organisms and fossils including horse, trilobite, ferns • common elements, mixtures, compounds, and periodic table groups including calcium, potassium, carbon dioxide, water, noble gases • food webs of common biomes • organ systems including circulatory, digestive, nervous, respiratory, skeletal
Any terms used in the Maine Learning Results may appear on the MEA. The words listed may need special attention or may have different meanings for	Adaptation algae ancestor bacteria (bacterium) balance biological parent Celsius (all temperatures in degrees Celsius) change (chemical and physical) conclusion condensation data energy (light, sound, heat, sound) erosion	In addition to the Grade 5 list: absorb accelerate amplitude celestial bodies chloroplast compound convection direct/indirect drag electromagnetic spectrum elements energy including mechanical, nuclear, atomic,

Note: This list is a guide. It is an attempt to better delineate the vocabulary demands of the MEA science test. It is possible that it will not be considered complete by all users. Please contact Anita Bernhardt at anita.bernhardt@maine.gov with any suggestions for additions. Words and phrases from prior years may appear in tests at any grade level.

science and technology than in other areas.	evaporation extinct inherited matter mixture offspring phases photosynthesis precipitation property record rotate revolve water vapor weathering	chemical, potential, kinetic eyespot flagellum frequencies friction geological glucose impact indirect/direct inertia kinetic lichen mass mesosphere microorganism Newtons nucleus oxidation radiation sedimentary structural adaptation thermosphere tissue troposphere
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